

Sub C13 3) pressing the first disc-shaped substrate against the second disc-shaped substrate by means of a pressing body by applying a first pressure level to join them and form a disc product, and

4) exposing both the disk-shaped substrates joined as a disc product to a high-pressure atmosphere at a second pressure level greater than said first pressure level.

4. (Amended) A method of laminating disc-shaped substrates according to claim 3 further comprising:

B' pressing an adhesive sheet with the adhesive agent applied thereto against at least one of the first and second disc-shaped substrates from one end to the other end, and

bonding the adhesive agent to the surface of the first disc-shaped substrate in such a manner that the adhesive-backed sheet is pressed against the substrate.

5. (Amended) A method of laminating disc-shaped substrates according to claim 3 further comprising;

holding the pressing body against the second disc-shaped substrate so as to magnify a contact portion from the center side to the outside in a step of pressing the second disc-shaped substrate against the first disc-shaped substrate by means of a pressing body in a state whereas the pressing body is held against said disc product in such a manner that a contact portion may be magnified from the center side to the outside.

SUB
C1
6 (Amended)
3 further comprising"

A method of laminating disc-shaped substrates according to claim

holding the pressing body against the second disc-shaped substrate in such a manner that a contact portion may be magnified from the center side to the outside, said holding step being conducted while said first and second disc-shaped substrates are held within the high-pressure atmosphere.

B'
7. (Amended) A method of laminating disc-shaped substrates according to claim 3 further comprising:

applying a first hold down pressure in a step of bonding the adhesive agent to the surface of the lower disc-shaped substrate, and

applying a second hold down pressure in a step of pressurizing the second disc-shaped substrate against the first disc-shaped substrate by means of the pressing body, thereby magnifying pressure of the high-pressure atmosphere.

Please add the following new claims:

8. (New) A method of laminating disc-shaped substrates according to claim 3 further comprising:

B²
performing said pressing step and said exposing step at a single one of a plurality of processing locations.

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Patent Application No. 09/892,466

sub 17 9. (New) A method of laminating disc-shaped substrates according to claim 8
wherein said plurality of stations are on a turntable and said method further comprises moving
said disc shaped substrates to plural stations in a predetermined sequence.

B² 10. (New) A method of laminating disc-shaped substrates according to claim 3
wherein said exposing step results in a disc product wherein the maximum dimension of each of
a multiple of air bubbles is less than 50 micron.
